

REMARKS

INTRODUCTION

In accordance with the foregoing, the drawings have been amended. Claims 1-17 are pending and under consideration.

OBJECTION TO THE DRAWINGS

The Examiner objected to the drawings because reference numeral twelve designated two separate components in Figure 1. Appropriate correction has been made to Figure 1. Withdrawal of the foregoing rejection is requested.

CLAIM REJECTIONS – 35 USC 103

Claims 1-17 were rejected under 35 USC 103(a) as being unpatentable over Japanese Patent Publication No. 61-010425 in view of Japanese Patent Publication No. 45-2988. This rejection is respectfully traversed.

Independent claims 1, 5 and 6 recite: "...means for stopping the back pressure feedback control by the back pressure feedback control means when the screw or plunger reaches a set change point before the screw or plunger reaches a metering completion position and moving the screw or plunger up to the metering completion position..." In contrast to claim 1, neither Japanese Patent Publication No. 61-010425 nor Japanese Patent Publication No. 45-2988 discuss the above feature.

In Japanese Patent Publication No. 61-010425 uniform metering is achieved by using a variety of combinations of back pressure commands and screw rotational speed commands to control back pressure and screw rotational speed based on the combinations. Japanese Patent Publication No. 61-010425 does not discuss means for stopping the back pressure feedback control when the screw reaches a set change point and moving the screw up to the metering completion position as recited in claims 1, 5 and 6.

This deficiency in Japanese Patent Publication No. 61-010425 is not cured by Japanese Patent Publication No. 45-2988. Japanese Patent Publication No. 45-2988 was cited to show means for reversing the screw using the four way valve 14. Primarily, Japanese Patent Publication No. 45-2988 discusses a method for improving the sealing at the time of injection by reversing a screw after metering is completed. Japanese Patent Publication No. 45-2988 does not discuss means for stopping the back pressure feedback control when the screw reaches a set change point and moving the screw up to the metering completion position.

Claims 2-4 and 7-17 are dependent on claim 1 and are therefore believed to be allowable for the foregoing reasons. Further, it is respectfully submitted that the grounds of rejection for claims 2-17 were not discussed in the Office Action and that the Office Action is incomplete. Please see 37 CFR 1.104(b) (requiring a complete action from the Examiner).

Withdrawal of the foregoing rejections is requested.

CONCLUSION

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: Feb 2, 2006

By: Gregory W. Harper
Gregory W. Harper
Registration No. 55,248

1201 New York Avenue, NW, Suite 700
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501



**Attachment to the Amendment
Serial No. 10/697,869
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AMENDMENTS TO THE DRAWINGS:

In the Office Action, the Examiner objected to the drawings. In order to overcome the objection, a replacement figure is submitted herewith. The attached drawing includes a change to Figure 1. The sheet containing Figure 1 replaces the original sheet including Figure 1. In the original Figure 1, two components were designated with the reference numeral 12. In the replacement Figure 1, only one component, the driven pulley, is designated by reference numeral 12. Approval of these changes to the Drawings is respectfully requested.